

# Screen Tension Tester

## HT-6510N



### Applications & Features

- \* Suitable for general wire mesh tension and steel mesh tension measurement.
- \* Suitable for screen printing and screen stencil measurement, high accuracy. The ideal and necessary tool for production of precise screen and steel mesh. Can avoid the personal or tactile measurement error.
- \* LCD digital display, eliminating reading error.
- \* Use USB/RS-232 data output to connect with PC.
- \* Provide Bluetooth data output choice.

### Commonly Used Screen Maximum Tension

Data in the table is based on testing condition of Swiss thick gauze. Concrete data depends on the quality of network machine. With good quality network machine, the gauze will not crack even in the highest tension. but if it exceeds the maximum tension, the gauze cracks easily, please reference when trapping net.

		Maximum Tension	Regulating Pressure
77T	200 mesh	30N/cm	7kg/cm
90T	230 mesh	25N/cm	6.5kg/cm
100T	250 mesh	23N/cm	6kg/cm
120T	300 mesh	21N/cm	5.7kg/cm
140T	350 mesh	20N/cm	5.3kg/cm
165T	420 mesh	18N/cm	5kg/cm

### Specifications

Measurement Range	7~40N/cm
Display Range	0~50N/cm
resolution	0.1
Fiducial Error	5%
Operating Condition	Temp:0~40°C Humidity:10~90%RH
Power Supply	4x1.5V AAA Size(UM-4)Battery
Dimensions	175x95x40mm
Weight	490g(Not Including Batteries)

## Technical Data

### Printing Task and Determination of Screen Tension

Wire Mesh	Printing Task	Tension (N/cm)
Ultra High Tension Wire Mesh	Circuit Board and Measuring Scale	16~20
High Strength Wire Mesh	Multicolor and Four-Color Printing (Mechanical Printing)	16~20
High Precision Ultra Fine Wire Mesh	High Precision Multi Layer Circuit Printing	25~30
High Precision Polyester Net (Standard Monofilament)	Multicolor and Four-Color Printing (Manual Printing)	8~12
Ordinary Polyester Net (Standard Monofilament)	Flat Object	8~12
Nylon Mesh	Curve Surface or Rough Object	8~12



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